

CAN/OLE and related CISTI services: meeting your
needs for scientific and technical information

Paper presented by: Albert Joseph of CISTI at the Northern and Offshore Information Resources Seminar held in Yellowknife, N.W.T., on April 16, 1986.

SUMMARY:

CISTI, the Canada Institute for Scientific and Technical Information maintains the national collection of scientific and technical literature for all Canadians. Of the many services it offers, four are described: CAN/OLE, CAN/SDI, Customized Literature Searching and Document Delivery.

Together these four services ensure that Canadians, requiring bibliographic information either on a one-time or continuing basis, are able to identify existing documents, and obtain from CISTI locations and/or copies of these documents.

Keywords

National Research Council Canada; NRC; Canada Institute for Scientific and Technical Information; CISTI; CAN/OLE; online information retrieval; information retrieval; CAN/SDI; current awareness; selective dissemination of information; document delivery; interlibrary loans; library services.

CISTI

The Canada Institute for Scientific and Technical Information (CISTI) is a division of the National Research Council of Canada (NRC). CISTI maintains the national collection of scientific and technical literature for all Canadians who need specialized information.

CISTI'S COLLECTION

CISTI's vast collection consists of 442,500 books and conference proceedings, 47,873 serials (including 29,211 active serials), and 2,035,609 titles in microform format*. We collect all significant scientific, technical and medical journals and conference proceedings regardless of language or country of origin. We purchase books more selectively to ensure representative coverage of the major subjects.

Journal titles found in our collection include:

Arctic Medical Research (Finland),

Northern Engineer (USA),

Acta Arctica (Denmark),

Arctic and Northern Development Digest (Canada), and

Problemy Arktiki I Antarktiki (Russia).

* Statistics given in this paper are current to March 1986.

Similarly, conference proceedings found in our collection include:

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Arctic Offshore Technology Conference and Exposition and, provides
access to 25.7 million references from all countries and disciplines
Arctic Underwater Operations: of Canadian origin. CAN/OLE is
Medical and Operational Aspects of Diving Activities in standard
Arctic Conditions. who have a 300 baud terminal, word processor
or microcomputer which can communicate using ASCII code at a speed
of 10, 30 or 120 characters per second.

CISTI SERVICES

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Besides maintaining this impressive collection, CISTI coordinates Canadian access to the MEDLARS system of the U.S. National Library of Medicine and operates a range of national information services including reference services, the Knowledge Source Index (KSI), the Canadian Index of Scientific Translations, CAN/SND - CISTI's scientific numeric database system, CAN/OLE - the Canadian Online Enquiry system, CAN/SDI - the Canadian Selective Dissemination of Information system, literature searching and document delivery of which only the last four will be discussed in this presentation.

I would like to stress that anyone in Canada can use CISTI services, either directly or through a library. Fees, where applicable, are the same for all Canadians no matter where they are located.

CAN/OLE is designed, operated and maintained by CISTI. It provides access to 23.9 million references from 37 scientific and technical databases including 21 that are of Canadian origin. CAN/OLE is available Monday through Friday, 6:30 to 21:30 (Eastern Standard Time), to all Canadians who have a dial up terminal, word processor or microcomputer which can communicate using ASCII code at a speed of 10, 30 or 120 characters per second.

Canadians who have a CAN/OLE account access CAN/OLE to identify, locate and order documents. They pay only for the time spent on the system and for printing costs. For example, a search on CAN/OLE can be undertaken to identify what has been published with respect to oil and gas exploration in the Beaufort Sea.

Some of the pertinent databases a user might consider for such a request include 9 of the 37 databases offered by CAN/OLE namely:

AQUAREF	Canadian Water Resources References
ASFA	Aquatic Sciences and Fisheries Abstracts
BOREAL	The Northern Database
CBCA	Canadian Business and Current Affairs
CODOC	Cooperative Documents Project Official government publications
EI/EIM	Engineering Index/Engineering Index Meetings
GEOREF	Geological Reference File
NTIS	National Technical Information Service

Within 3 minutes the search is entered and the results printed:

© enquire cbca ALBERTA

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CBCA (CANADIAN BUSINESS AND CURRENT AFFAIRS) 1982-JAN/86

COPYRIGHT MICROMEDIA LIMITED

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002 7,401 SEARCH GAS,TITLE
003 16,612 OR 001:002

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\$2.04 TOTAL ESTIMATED COST

BOREAL (THE NORTHERN DATABASE) CURRENT TO FEB/86

COPYRIGHT BOREAL INSTITUTE FOR NORTHERN STUDIES LIBRARY,
UNIVERSITY OF ALBERTA

@ beaufort

001	701	SEARCH OIL, TITLE
002	646	SEARCH GAS, TITLE
003	1,129	OR 001:002
004	684	SEARCH EXPLOR*, TITLE
005	93	AND 003,004
006	567	SEARCH BEAUFORT, TITLE
007	1,824	SEARCH SEA, TITLE
008	521	AND 006:007
009	20	AND 005,008

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T. PROGRAMS, SERVICES, FACILITIES AND STAFF : THE INUVIK
REGION'S EXPERIENCE WITH TUKTOYAKTUK, 1976-1983

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Similarly, the saved search can be repeated in the same database following each update of that database and thereby provide a current awareness service.

CAN/SDI (Canadian Selective Dissemination of Information)

CAN/SDI is a personalized current awareness service operated and maintained by CISTI in cooperation with six other libraries. A user's profile of interests is drawn up and matched regularly against the databases relevant to the client's subject field. The resulting printouts of relevant references are sent monthly, biweekly or weekly depending on the update frequency of the databases searched. Subscribers to CAN/SDI have no need for a computer terminal or knowledge of computer searching. They need only arrange access to CAN/SDI by contacting one of the seven cooperating centres whose subject area is relevant to their needs or by contacting, where possible, the CAN/SDI search editor in their own organization. Once a profile is established, service continues on a pay as you go basis until the profile is cancelled. Modifications to the profile are welcomed at all times and are made at no charge to the subscriber.

CUSTOMIZED LITERATURE SEARCH SERVICE

CISTI's Reference department provides, among others, a Customized Literature Search Service. CISTI has access to the databases of 16 online information retrieval systems. They are: CAN/OLE, DIALOG, ORBIT, BRS, MEDLARS, QL, INFOGLOBE, QUESTEL, WILSONLINE, STN, LEXIS/NEXIS, INSIGHT, I.P. SHARP, INFOLINE, ESA and DOBIS. The basic charge of \$30.00 per topic covers a search on two online databases or 5 years of two printed indexes or a combination thereof.

DOCUMENT DELIVERY

The services described in this presentation result in records of the existence of documents. CISTI's Document Delivery service provides access to the actual item or the location of items not held by CISTI. CISTI received 318,422 requests for loans and photocopies during 1984/1985. This number is highest in not only Canada but also North America. CISTI's monographic works are loaned for a two week period and may be renewed on request unless there is a waiting list. Reference books, rare books and oversize volumes are not available for loan. New conference proceedings are non-circulating for one year unless a second copy is available. CISTI does not loan periodicals or reports on microfiche but provides instead photocopies of periodical articles or duplicate microfiche. Photocopies of conference papers of non-circulating new conference proceedings are also available.

There is no charge for loans. Registered mail is paid one way by CISTI and requesters pay for the return of the volume. There is no charge for the location service. There is a fee for photocopies, duplicate microfiche, and paper copy reproductions of microfiche.

Requests for loans may be submitted in person, by mail, telephone, telex, the ENVOY 100 or CNCP: Electronic Mail System or by CAN/OLE's CAN/DOC system.

CONCLUSION

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With all of these resources and services CISTI is probably Canada's major mechanism for accessing scientific and technical information.

We may be reached through all major communication channels.

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JOSEPH, Albert
CAN/OLE and related CISTI
services

Borrower's Name

Date Due

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JOSEPH, Albert
CAN/OLE and related CISTI
services

Boreal Institute for Northern
Studies Library
CW 401 Bio Sci Bldg
The University of Alberta
Edmonton, AB Canada T6G 2E9

University of Alberta Library



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